# What You Should Know About Your Auto; How To Drive and Keep It

Expert Advice How to Keep Automobiles Running Smoothly and the Best Way to Remedy Machine Trouble-Traffic Suggestions and Pleasure Routes for Evening World Readers.

## By GEORGE H. ROBERTSON.

UTOMOBILE owners, as a rule, in discussing their costs generally name the great item of expense as being tires, and in that connection they are quite inclined to arraign the makers of pneumatic tires as being responsible for this condition. These statements are an individual

expression of opinion based on more or less experience, and doubtless justified in part by the records of bills paid by those who buy tires.

There are three prime factors responsible for short tire life. First, excessive speed, especially during the warm months; second, changes of direction at a high rate of speed; and third, excessive and unnecessary use of mechanical brakes. My experience has gone to prove that, punctures excepted, the life of tires is enormously prolonged by avoiding the above three chief enemies of the pneumatic tire's longevity. So much for the direct money cost, but if

these three cardinal principles are insisted upon by owners the liability of accident will be reduced to a minimum, and all the high costs incident to property and personal damage.

Automobile Editor

other cylinders.

engine.

nichtle Editor

keep the leather in good condition.

WALTER WHITE.

I have a 1915 Ford and am very much annoyed with grease running out of the housing on the left hand back wheel just where the emergency brake is situated. It seems to me the grease that I put into the differential on the back axis runs into this housing and leaks out, running all over the wheel and tire, flying even upon the fender, making a nasty mess. Would you give me your opinion as to how that could be stopped? EDWARD E, BARNES.

The filt resigning washer which is

The felt retaining washer which is put there for the purpose of preventing the flow of grease and oil through to the brake drum is probably either wern or eut up. Would advise that you look over these felt washers and replace f em if necessary.

Automobile Editor: put there for the purpose of preventing the flow of grease and oil through to the brake drum is probably either worn or cut up. Would advise that you look over these felt washers and replace f em if necessary.

"Is it practical when doing mountain fouring, when coasting down grades, to leave the clutch in high speed gear and cut off gas and ignition, to save a discount of the drums of the bands are properly adjusted, the noise will no doubt save and cut off gas and ignition, to save

and cut off gas and ignition, to save fuel and cool the motor? If not, how can motor be cooled in such long heavy touring?"

O. P.

It is practical when descending a long grade to keep the machine in high goar with the clutch in and the switch off, in order that the motor From Brooklyn come to New York, Leave this city by Staten Island ferry to Staten Island, continue to Tottenville, cross to Perth Amboy. Then to Keyport, Middletown, Red Bank, Sea Bright, Long Branch to may be cooled by the unexploded gases. The motor will also act as a

"Could you please tell me why there is a burnt number on my tire? There is also a moulded number, I bought it from a local dealer here in the country, I am an owner and this is the first time I have seen a number burnt for a tire."

J. P. on a tire."

J. P. on a tire."

Automobile Editor:

Would an upright elevating gear bracket for the timer on Ford car be of any benefit? Do they work all right? Would a New York unit could for Ford car be better to buy than a good master vibrator? Is the unit coil a success?

A. R. N.

The bracket for the timer you men-

The serial number of a tire is usu-ally moulded with the tire. In the case of a second tire, or one which is de-fective, the number is erased either by burning or by buffing.

fective, the number is erased either by burning or by buffing.

\*\*What should be the position of the piston on a Ford car with the spark fully retarded and also fully advanced? If I advance the spark more than half down on the quadrant I have than half down on the quadrant I have than half down on the quadrant I have a metallic click, not a pound, unless the car is running twenty-five miles an hour, or better. I have had mechanica from a couple of different feel quite certain that the rings are in garages look at it but they did not good condition, and that the rings are in good condition, and that the oil level hencath this cylinder is the same as

From your description, I think that same trouble to a greater or less exyour motor is either advanced too much or that the motor is carbonized. Would advise having the cylinders cleared of carbon, and if the metallic It is probable that your difficulty is due to the use of too thick a cylinder oil. It has been recommended that difficulties of this nature can be overcome by adding one pint of gasoline to each gallon of lubricating oil knock still continues retard the igni-

"What is the best route from New York to Philadelphia?"
J. W. D. and H. J.

Automobile Editor:

Automobile Editor:

Leave New York by South Fermy for Staten Island to Tottenville, cross to New Brunswick, Princeton to Trenton, then to White Horse, Bor-dentown, Columbus, Mount Holly, Camden to Philadelphia.

"What is the most direct route from this city to Monticello, N. Y.?"
ELMER R. HARRIS.

Leave by way of One Hundred and you tell when it is overprimed and or himself. The Thirtieth Street ferry to Hackensack, Arcola, Ramsey, Ramapo, Tuxedo, Arden, Goshen, Middletown, Wurtsboro to Monticelle.

In a need overprimed? How can you you tell when it is overprimed and or himself. The stroke will lose power if one stands too near, and if too far mistake of priming the motor too away from the ball

Five weeks ago I had new bands put in my Ford car and had my differential fixed, as it was noisy. Since then there has been a grind in the transmission. When I put my foot on the brake the grind is very distinct, also the car moves forward every morning. I called the Ford Motors Company's attention to the filled is enough to prime the cylinder, average petcock has a cup which if filled is enough to prime the cylinder, attembble Editor:

| Much. Too rich a mixture will not ignite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite any more readily than a poor mixture. Raw gasoline will not extinguite Automobile Editor:

# **MOTORISTS**' PROBLEMS SOLVED

George H. Robertson. America's foremest racing expert. sass: "Automobile owners, prospective owners and men wishing to become chauffeurs should not fail to take a course in your School."

Day and Evening Classes; also private in-struction at Lours to suit convenience. Special Classes for Ladies Call or write for booklet.

### Stewart Auto School 225 WEST 57TH STREET (at Brondway)

Gasoline One Cent Per Gallon

# NEWS OF ALL BRANCHES OF SPORT



With Clubs That Feel Comfortable Practise to Improve and Develop Your Own

# ALEX SMITH'S ARTICLES ON GOLF TO APPEAR

appear on these pages at least once every week.

HE easiest, quickest and most satisfactory way to learn golf is to

Improve and Develop Your Own Natural Strokes.

\*\*Met Final.\*\*

\*\*By William Abbot!.\*\*

\*\*ASSAL COUNTRY CLUTE GLES\*

In THE EVENING WORLD AT LEAST ONCE A WEEK INTERPORT OF A PEER IN THE EVENING WORLD AT LEAST ONCE A WEEK INTERPORT OF A PEER IN THE EVENING WORLD AT LEAST ONCE A WEEK INTERPORT OF A PEER IN THE EVENING WORLD AT LEAST ONCE A WEEK INTERPORT OF A PEER IN THE EVENING WORLD AT LEAST ONCE A WEEK INTERPORT OF A PEER IN THE EVENING WORLD AT LEAST ONCE A WEEK INTERPORT OF A PEER IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE EVENING WORLD AT LEAST ONCE A WEEK IN THE WORLD AND A WEEK IN THE WOR

sary for one to play an average good game. Be sure and go without a friend, for his advice is more apt to be a drawback than a help. Do not become discouraged at the failure to swing easily at the first few trials. Cultivate patience, for it is essential to good golfing.

The use of balls may be done away with at the start and the novice may

many natural strokes. These early impressions will form a foundation upon which the student must build his game After this preliminary practice it is best to consult some good profes-"Can you give a good route from Brooklyn to Avon?" CLARENCE LEVY. sional as to how one's game may best be improved. Never attempt to learn

the instructor's game; insist that your own weakness be remedied.

## MISTAKES OFTEN MADE BY TEACHER AND NOT THE PUPIL.

A young teacher will often try to induce his pupil to learn his particular way of playing. This is wrong and must be avoided. Every one in golf, as in other sports, has his particular way of doing things, and it is that system that should be strengthened, not destroyed. I can't emphasize this too strongly, this important point of learning your own game and not some

The choice of clubs is a matter of suiting one's physical requirements.



Select those that feel comfortable. If need be, have some reliable club maker do the measuring. With his bag filled with the necessary clubs the beginner prepares for driving. the first and a very important step in making a round of the links.

The accompanying picture shows the grip is my way of grasping the driver. Perhaps the novice would get better results from the Vardon grip, which is an overlapping of the two hands. Experiment and determine for yourself. That's the best way. For the grip shown in the picback, while with the right hand the clow swings back around the body close to the side. The motion is made strictly with the wrists and especially with the fingers of the right hand. Then the arms come is to have with the company to the racing celebrity for that period. in to help with the swing. Bear in mind that the fingers of the right hand do most of the work.

The club is held firmly with these fingers so that the wrists may have a free inovement. The left hand merely supports the right. Beginners, finding their left callouses the first, believe put in your crank case. This will that the greatest strain during tend to thin the oil and should climinate the short-circuiting that causes the missing in the cylinders of your When addressing the ball of the colors. it has the greatest strain during the swing, but it hasn't, it is simply a guider for the right. This arrangement of the hands for driving is practically the

When addressing the ball assume the position as shown in the accompanying picture. Stand with the knees and elbows slightly and with the club laid squarely behind the ball. You should feel comfortable, but this

Will you explain in detail the cause and remedy of a gasoline motor when the cylinders are flooded and will not can not be if the over reached. Ti start—that is, why is it so hard to start the engine after the cylinder has been overprimed? How can you pends upon the play-A great many persons make the near, and if too far mistake of priming the motor too away from the ball much. Too rich a mixture will not you will find it diffi-

on a line with the I have a four-cylinder, old style ball. The height of car, with a cone cluich, which does not engage as easily as it should. Can you advise me as to the cause of this and a remody? JOSEPH WILSON. | the feet. Naturally The trouble you experience is caused by the clutch leather being too dry. Would advise that you disengage clutch, clean surface of leather with terresponding the control of the control of the clutch of the control of with kerosene, bathe with neatsfoot row will cause over-oil and allow this to stand overnight. Occasional treatment of this kind will that is too wide has a tendency to stiffen Does the adjustment of my carthe stroke and prevents the proper hip buretor have anything to do with the amount of carbon in my cylinders? I am using a good grade of oil and my motor usually chokes with carbon. CHARLES FORD. charter in gradual content will soon fall into the correct way of standing for driving after

Casoline One Cent Fer Gallon
may come true had to make your acts look like
bon. CHARLES FORD.

Poor carburetor adjustments have
a great effect upon the carbon deposit. Carburetor fooding and too
rich mixture will cause a large deposit. Carburetor fooding and too
rich mixture will cause a large deposit. Carburetor fooding and too
rich mixture will cause a large deposit of carbon in the form of lampdistribution.

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automatic for the distributions with
The weight of the
driver is a matter for
the player to decide
the player to decide
for himself. I personally use a heavy one, but I don't recommend that
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# HERRESHOFF LEADS

Both Stars Stumble Frequently in Playing First Half of "Met" Final.

short putt. Kirkby lost the ninth when try swinging his club at bits of paper or even daisies in the fields. In a bis approach over-ran the green. I surprisingly short time the beginner will gain ideas of the game as well as gave Herreshoff a lead of one hole. his approach over-ran the green. This

The next three holes were halved, Herreshoff's strong work on the greens equalizing Kirkby's superior iron play, though the Garden City star practically tossed away the thirteenth on

missed putts.
The short fourteenth went to Herre-shoff because Kirkby's drive landed in a trap, forcing him to play out back-ward. After halving the long fifteenth, Kirkby won the sixteenth where Herreshoff over-approached the green. The seventeenth was halved. Hoth were in the home green on their third shot at equal distance from the cup. Herreshoft made his putt. Kirkby missed his giving his opponent a two-hole advantage for the round. Cards:

Herreshoft-Out .... In .... Kirkby-6 5 5 4 5 4 5 4 4 41 79 Out .... 4 5 6 4 5 5 4 2 5—41 In .... 3 4 4 5 5 5 4 4 5—39—80

## **RESTA TO GET \$25.000** FOR FIVE WEEKS' TOUR.

CHICAGO, June 19.-Dario Resta. way. For the grip shown in the pro-ture place the left hand so that on the turn the wrist bends slightly toward the body as the club goes toward the body as the club goes whose reco d breaking performances on

> THE HOME ATMOSPHERE. American soldiers in Europe are enjoying two honest-to-goodness soda fountains put up by Mrs. Waldorf Astor and the Duchess of Marlborough.

## BELMONT ENTRIES.

RELMONT PARK BACE TRACK. NEW YORK, June 10. The entries for Monday's races are as follows: FIRST BACE Two rearlods selling; fire furious, straight Rebel, 197; Ed Garrosen, 197, Africa T. Lentinon, 198, Monn 197, Africa T. 198; Marchale III, None Such \*Aimes T. 108: \*Kathern Grav. 108: Mounhaiter time. 102 Riverbale. 112: None Such.

111
SECOND RACE. The year-olds and unward;
one mile Meditation. 105: Dorran. 100: Fair
Court. 120: Westward. 112: Haif Rock. 120.
THIND RACE. Three-jene-olds; selling, six
and a laif furfements main course. Methodiso; 112:
Natalion. 106: \*Atalas. 104: Lits Heavens. 111:
Ploy I bea. 110: Vergins. W. 100.
FOLDTH RACE. Four-servoid, and upward;
editing; one mile and a haif. Pandeau, 114:
Armathent, 134: Merior Paris. 60.
FPTH RACE. Four-servoid, and upward;
the Grant National and Indight. 137: Recutsord,
150: Generater 102; Oberty Maiotte. 152: Pebebo,
150: Amount of the pourse.
SIXTH RACE. Four-servoid and unward;
Heighesia Senaity of fire pourse.
SIXTH RACE. Four-servoid and unward;
Heighesigh Handidan; one mile and a half on
flat. 4-fittle. Nearer, 150: Pay Streak, 148: ToyHai 157: Chinary, 146: Zellwood, 145: Verie,
156: Martine, 147.

\*Apprentice allowance claimed. Track heavy,

## LOUISVILLE ENTRIES.

LOUISVILLE, Ky., June 10 - The entries for Monday's races are as follows. entries for Monday's races are as follows:

FIRST RACE Selling there were olds and used of sellings there were olds and used of sellings to the familie 106. In the Scriet and 59 Seaton 104 I will familie 106. In the familie 106 Real Seaton 109 Type 106 Luke Mar 100 Very 100 Luke Mar 100 Very 111 Unrevenue 112 Unrevenue 111 Unrevenue 111 Unrevenue 112 Unrevenue 111 Unrevenue 112 FIFTH RACE. The String Trial Stakes, 12 No. added temperature for imbones. High Great, of Research 13th America 108 (Louise Young Control 11 triange Control 11 RACE From Jones 111 prompted 121 SIXTH RACE From these search and and mile ship servent, table John W. Krein, 7 Charles 100 PM for 100 Egunon 100 Benanna 111 INTENTION RATE Selling three rear olds and early also and one eight Lady Westlandon 115 Philasses 107 American 107 American 117 American 117 American 117 American 117 American 118 American Location allocation allocation also and 118 American 118 Am

# Not a Man Who Ever Rowed Before In Four-Mile Race In Penn's New Varsity Crew

Each One of Four Crews in Next Saturday's Poughkeepsie Race, Including Quakers' Reconstructed Eight, Has a Fighting any road race promoted by a club in Chance, With Syracuse Possibly Having Slight Edge on Others. the metropolitan district will face the

# **456 RUNNERS IN** MILLROSE A. A.'S

Willie Kyronen of Club Conducting Contest Favorite Over Big Field.

starter this afternoon in the Millrose modified marathon, starting at 3.30

# hildren take to Krumbles at the first tasteand this new whole wheat food is just what their active minds and bodies need.

Look for this signature-H.K. Kellogg At your grocer's \*\*\*\*\*\*\*\*\*\* All Wheat \*\*\*\*\*\*\*\*\* .......... .... ...... .... ...... ....... .... ....... ...... ..... ....... THE ODICH THAS THIS SIGNATURE ...... ..... \*\*\*\*\*\*\* \*\*\*\*\* .......... ..... ...... ..... ......